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PATENT & TRADEMARK OFFICE
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **KITAKADO, JUN et al.**

Group Art Unit: 2685

Serial No.: **09/911,823**

Examiner: **Edward F. Urban**

Filed: **July 25, 2001**

P.T.O. Confirmation No.: 4866

**FOR: RADIO EQUIPMENT CAPABLE OF REAL TIME CHANGE OF
ANTENNA DIRECTIVITY AND DOPPLER FREQUENCY ESTIMATING
CIRCUIT USED FOR THE RADIO EQUIPMENT**

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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November 6, 2003

Sir:

Technology Center 2600

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

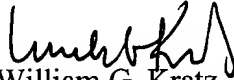
No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS,
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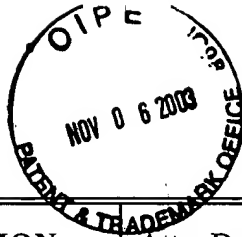
WGK/nrp
Atty. Docket No. **010901**
Suite 1000
1725 K Street, N.W.
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PATENT TRADEMARK OFFICE

Enclosures: European Search Report
PTO-1449
References (4)



INFORMATION DISCLOSURE CITATION PTO-1449	Atty. Docket No. 010901	Serial No. 09/911,823
	Applicant(s): KITAKADO, JUN et al.	
	Filing Date: July 25, 2001	Group Art Unit: 2685

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	RECEIVED NOV 07 2003 Technology Center 2600				
_____	AB					
_____	AC					
_____	AD					
_____	AE					

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
_____ AF WO 98/18271	4/30/98	WIPO	
_____ AG EP 0 756 430	1/29/97	EPO	
_____ AH WO 97/00543	1/03/97	WIPO	
_____ AI EP 0 869 578	10/07/96	EPO	
_____ AJ			

OTHER DOCUMENTS

_____	AK	
_____	AL	
Examiner _____ Date Considered _____		